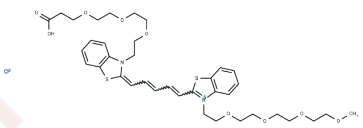
Data Sheet (Cat.No.T18421)

TargetMol

N-(m-PEG4)-N'-(Acid-PEG3)-benzothiazole Cy5

Chemical Properties



CAS No. : 2107273-80-1

Formula: C37H49ClN2O9S2

Molecular Weight: 765.38

Storage: Keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	N-(m-PEG4)-N'-(Acid-PEG3)-benzothiazole Cy5 is a polyethylene glycol-based linker (PEG-PROTAC) suitable for PROTAC development through chemical synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3065 mL	6.5327 mL	13.0654 mL
5 mM	0.2613 mL	1.3065 mL	2.6131 mL
10 mM	0.1307 mL	0.6533 mL	1.3065 mL
50 mM	0.0261 mL	0.1307 mL	0.2613 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

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